

What is Claimed is:

1. A method for limiting access to resources of a system having a server for processing requests, the server supporting a plurality of projects, the method comprising the steps of:

5 receiving a request to access the resources of the system; and
denying the request based upon an application level and a setting level, wherein the application level is associated with one of a plurality of functional layers within the system that is affected by the request, and wherein the setting level is a limiting value associated with one of the server alone and the server with one or more of the plurality of projects, the limiting value for limiting an operation on one of the plurality of functional layers, thereby limiting access to the resources of the system.

2. The method as defined in claim 1, wherein the system is a reporting system.
3. The method as defined in claim 1, wherein the request is received from a user.
4. The method as defined in claim 1, wherein the request is received from within the
15 system.

5. The method as defined in claim 1, further comprising the step of:
notifying a user that the request has been denied.

6. The method as defined in claim 1, wherein each project supports a plurality of sessions, wherein each session is created from a request, and wherein the step of denying the
20 request includes the step of:

preventing the request from becoming a session.

7. The method as defined in claim 1, wherein each project supports a plurality of

sessions, wherein each session supports a plurality of jobs, wherein each job is created from a request, and wherein the step of denying the request includes the step of:

preventing the request from becoming a job.

8. The method as defined in claim 7, wherein the plurality of functional layers
5 include a user layer, a job layer, a session layer, a project layer, and a server layer.

9. The method as defined in claim 7, further comprising the step of:
setting the setting level such that limiting the operation affects all jobs and all users
across all projects.

10. The method as defined in claim 7, further comprising the step of:
setting the setting level such that limiting the operation affects all jobs and a single user
across all projects.

11. The method as defined in claim 7, further comprising the step of:
setting the setting level such that limiting the operation affects all jobs and all users
within a single project.

12. The method as defined in claim 7, further comprising the step of:
setting the setting level such that limiting the operation affects all jobs and all users
within a user group across all projects.

13. The method as defined in claim 7, further comprising the step of:
setting the setting level such that limiting the operation affects all jobs and a single user
20 within a single project.

14. The method as defined in claim 7, wherein the request is a request to generate at
least one report, further comprising the step of:

setting the setting level such that limiting the operation affects a single instance of a

report.

15. A signal embodied in a carrier wave readable by a computing system and encoding a computer program of instructions for executing a computer process performing the method recited in claim 1.

5 16. An apparatus for limiting access to resources of a system having a server for processing requests, the server supporting a plurality of projects, the apparatus comprising:

a receiver for receiving a request to access the resources of the system; and

10 a governor for denying the request based upon an application level and a setting level, wherein the application level is associated with one of a plurality of functional layers within the system that is affected by the request, and wherein the setting level is a limiting value associated with one of the server alone and the server with one or more of the plurality of projects, the limiting value for limiting an operation on one of the plurality of functional layers, thereby limiting access to the resources of the system.

15 17. An article of manufacture for limiting access to resources of a system having a server for processing requests, the server supporting a plurality of projects, the article of manufacture comprising:

at least one processor readable carrier; and

instructions carried on the at least one carrier;

20 wherein the instructions are configured to be readable from the at least one carrier by at least one processor and thereby cause the at least one processor to operate so as to:

receive a request to access the resources of the system; and

deny the request based upon an application level and a setting level, wherein the application level is associated with one of a plurality of functional layers within the system that

is affected by the request, and wherein the setting level is a limiting value associated with one of the server alone and the server with one or more of the plurality of projects, the limiting value for limiting an operation on one of the plurality of functional layers, thereby limiting access to the resources of the system.

5 18. A method for limiting access to resources of a system having a server for processing requests, the server supporting a plurality of projects, the method comprising the steps of:

receiving a request to access the resources of the system;

determining if the resources of the system are available to satisfy the request; and

10 queuing the request until the resources of the system are available to satisfy the request, wherein the availability of the resources of the system is based upon an application level and a setting level, wherein the application level is associated with one of a plurality of functional layers within the system that is affected by the request, and wherein the setting level is a limiting value associated with one of the server alone and the server with one or more of the plurality of projects, the limiting value for limiting an operation on one of the plurality of functional layers, thereby limiting access to the resources of the system.

15 19. The method as defined in claim 18, further comprising the step of:

notifying a user that the limiting value has been reached.

20 20. A signal embodied in a carrier wave readable by a computing system and encoding a computer program of instructions for executing a computer process performing the method recited in claim 18.

21. An apparatus for limiting access to resources of a system having a server for processing requests, the server supporting a plurality of projects, the apparatus comprising:

a receiver for receiving a request to access the resources of the system;

a governor for determining if the resources of the system are available to satisfy the request; and

a queue for queuing the request until the resources of the system are available to satisfy the request, wherein the availability of the resources of the system is based upon an application level and a setting level, wherein the application level is associated with one of a plurality of functional layers within the system that is affected by the request, and wherein the setting level is a limiting value associated with one of the server alone and the server with one or more of the plurality of projects, the limiting value for limiting an operation on one of the plurality of functional layers, thereby limiting access to the resources of the system.

22. An article of manufacture for limiting access to resources of a system having a server for processing requests, the server supporting a plurality of projects, the article of manufacture comprising:

at least one processor readable carrier; and

instructions carried on the at least one carrier;

wherein the instructions are configured to be readable from the at least one carrier by at least one processor and thereby cause the at least one processor to operate so as to:

receive a request to access the resources of the system;

determine if the resources of the system are available to satisfy the request; and

queue the request until the resources of the system are available to satisfy the request, wherein the availability of the resources of the system is based upon an application level and a setting level, wherein the application level is associated with one of a plurality of functional layers within the system that is affected by the request, and wherein the setting level is a limiting

value associated with one of the server alone and the server with one or more of the plurality of projects, the limiting value for limiting an operation on one of the plurality of functional layers, thereby limiting access to the resources of the system.

23. A method for limiting access to resources of a system having a server for
5 processing requests, the server supporting a plurality of projects, the method comprising the steps of:

receiving a request to access the resources of the system;

determining how much of the resources of the system are allowed to process the request;

and

10 partially processing the request until the resources of the system are no longer allowed to process the request, wherein the allowability of the resources of the system is based upon an application level and a setting level, wherein the application level is associated with one of a plurality of functional layers within the system that is affected by the request, and wherein the setting level is a limiting value associated with one of the server alone and the server with one or
15 more of the plurality of projects, the limiting value for limiting an operation on one of the plurality of functional layers, thereby limiting access to the resources of the system.

24. The method as defined in claim 23, further comprising the step of:

notifying a user that the limiting value has been reached.

25. The method as defined in claim 23, further comprising the step of:

20 providing a partial result to a user based upon the partial processing of the request.

26. A signal embodied in a carrier wave readable by a computing system and encoding a computer program of instructions for executing a computer process performing the method recited in claim 23.

27. An apparatus for limiting access to resources of a system having a server for processing requests, the server supporting a plurality of projects, the apparatus comprising:

a receiver for receiving a request to access the resources of the system;

a governor for determining how much of the resources of the system are allowed to

5 process the request; and

a processing engine for partially processing the request until the resources of the system are no longer allowed to process the request, wherein the allowability of the resources of the system is based upon an application level and a setting level, wherein the application level is associated with one of a plurality of functional layers within the system that is affected by the request, and wherein the setting level is a limiting value associated with one of the server alone and the server with one or more of the plurality of projects, the limiting value for limiting an operation on one of the plurality of functional layers, thereby limiting access to the resources of the system.

28. An article of manufacture for limiting access to resources of a system having a server for processing requests, the server supporting a plurality of projects, the article of manufacture comprising:

at least one processor readable carrier; and

instructions carried on the at least one carrier;

wherein the instructions are configured to be readable from the at least one carrier by at

20 least one processor and thereby cause the at least one processor to operate so as to:

receive a request to access the resources of the system;

determine how much of the resources of the system are allowed to process the request;

and

partially process the request until the resources of the system are no longer allowed to process the request, wherein the allowability of the resources of the system is based upon an application level and a setting level, wherein the application level is associated with one of a plurality of functional layers within the system that is affected by the request, and wherein the
5 setting level is a limiting value associated with one of the server alone and the server with one or more of the plurality of projects, the limiting value for limiting an operation on one of the plurality of functional layers, thereby limiting access to the resources of the system.